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|----------|--|-----|
| <b>1</b> | Nomenclator descriptive query optimization for large X.500 environments  | 94% |
|          | Joann J. Ordille , Barton P. Miller<br>ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Communications architecture & protocols August 1991<br>Volume 21 Issue 4 |     |
| <b>2</b> | Partitioning in X.500  | 91% |
|          | John Henshaw , Michael Bauer<br>Proceedings of the 1993 ACM/SIGAPP symposium on Applied computing: states of the art and practice March 1993   |     |
| <b>3</b> | ASCW: an assistant for cooperative work  | 89% |
|          | Thomas Kreifelts , Wolfgang Prinz<br>Proceedings of the conference on Organizational computing systems December 1993   |     |
| <b>4</b> | Descriptive names in X.500   | 87% |
|          | G. W. Neufeld<br>ACM SIGCOMM Computer Communication Review , Symposium   |     |

proceedings on Communications architectures & protocols August 1989

Volume 19 Issue 4

This paper presents a new name form for the OSI X.500 directory system. The primary function of the directory is to provide a name-to-object look-up facility for OSI objects. The directory consists of a set of agents and a database which is distributed among the agents. The directory database is structured as a tree where each node, or entry, corresponds to an object. An entry consists of a set of attributes where one or more attributes are designated as the object name relative to the entr ...

- 5** Network information centers (NICs): is there one on your horizon? 85%

 Susan Calcari , Priscilla Huston , Jan Eveleth , Linda Hutchison , Jerry Martin

Proceedings of the 21st ACM SIGUCCS conference on User services November 1993

- 6** Distributed search for cooperative applications 85%

 Michael A. Bauer , Richard A. McBride , J. Michael Bennett

Proceedings of the 1993 ACM/SIGAPP symposium on Applied computing: states of the art and practice March 1993

- 7** Uniform access to Internet directory services 83%

 D. Comer , R. E. Droms

ACM SIGCOMM Computer Communication Review , Proceedings of the ACM symposium on Communications architectures & protocols August 1990

Volume 20 Issue 4

As networks and internetworks of computers expand in size and scope, discovery and location of resources becomes a primary function of the networked computing environment. Static tables describing network resources have been replaced by dynamic directory services, such as X.500 and the Internet Domain Name System. These dynamic directory services provide more timely and accurate information about network resources than static tables. A wide variety of services address various com ...

- 8** The profile naming service 83%

 Larry L. Peterson

ACM Transactions on Computer Systems (TOCS) November 1988

Volume 6 Issue 4

Profile is a descriptive naming service used to identify users and

encompassing claims. . . [D]espite extensive statements in the specification concerning all the analogs of the EPO gene that can be made, there is little enabling disclosure of particular analogs and how to make them. Details for preparing only a few EPO analog genes are disclosed. . . . This disclosure might well justify a generic claim encompassing these and similar analogs, but it represents inadequate support for Amgen's desire to claim all EPO gene analogs. There may be many other genetic sequences that code for EPO-type products. Amgen has told how to make and use only a few of them and is therefore not entitled to claim all of them.

927 F.2d at 1213-14, 18 USPQ2d at 1027. However, when claims are directed to any purified and isolated DNA sequence encoding a specifically named protein where the protein has a specifically identified sequence, a rejection of the claims as broader than the enabling disclosure is generally not appropriate because one skilled in the art could readily determine any one of the claimed embodiments.

See also *In re Wright*, 999 F.2d 1557, 1562, 27 USPQ2d 1510, 1513 (Fed. Cir. 1993) (The evidence did not show that a skilled artisan would have been able to carry out the steps required to practice the full scope of claims which encompass "any and all live, non-pathogenic vaccines, and processes for making such vaccines, which elicit immunoprotective activity in any animal toward any RNA virus." (original emphasis)); *In re Goodman*, 11 F.3d 1046, 1052, 29 USPQ2d 2010, 2015 (Fed. Cir. 1993) (The specification did not enable the broad scope of the claims for producing mammalian peptides in plant cells because the specification contained only an example of producing gamma-interferon in a dicot species, and there was evidence that extensive experimentation would have been required for encoding mammalian peptide into a monocot plant at the time of filing); *In re Fisher*, 427 F.2d 833, 839, 166 USPQ 18, 24 (CCPA 1970) (Where applicant claimed a composition suitable for the treatment of arthritis having a potency of "at least" a particular value, the court held that the claim was not commensurate in scope with the enabling disclosure because the disclosure was not enabling for compositions having a slightly higher potency. Simply because applicant was the first to achieve a composition beyond a particular threshold potency did not justify or support a claim that would dominate every composition that exceeded that threshold value.); *In re Vaeck*, 947 F.2d 488, 495, 20 USPQ2d 1438, 1444 (Fed. Cir. 1991) (Given the relatively incomplete understanding in the biotechnological field involved, and the lack of a reasonable correlation between the narrow disclosure in the specification and the broad scope of protection sought in the claims, a rejection under 35 U.S.C. 112, first paragraph for lack of enablement was appropriate.).

If a rejection is made based on the view that the enablement is not commensurate in scope with the claim, the examiner should identify the subject matter that is considered to be enabled.

#### **2164.08(a) Single Means Claim**

A single means claim, i.e., where a means recitation does not appear in combination with another recited element of means, is subject to an undue breadth rejection under 35 U.S.C. 112, first paragraph. *In re Hyatt*, 708 F.2d 712, 714-715, 218 USPQ 195, 197 (Fed. Cir. 1983) (A single means claim which covered every conceivable means for achieving the stated purpose was held nonenabling for the scope of the claim because the specification disclosed at most only those means known to the inventor.). When claims depend on a recited property, a fact situation comparable to *Hyatt* is possible, where the claim covers every conceivable structure (means) for achieving the stated property (result) while the specification discloses at most only those known to the inventor.

#### **2164.08(b) Inoperative Subject Matter**

The presence of inoperative embodiments within the scope of a claim does not necessarily render a claim nonenabled. The standard is whether a skilled person could